

CLAIM AMENDMENTS

Please amend the claims as follows:

Claims 1-16 (Cancelled)

17. **(New)** An antibody that binds a peptide sequence of SP22 (SEQ ID NO: 3) exposed on the sperm surface.

18. **(New)** The antibody of claim 17, which binds to a peptide sequence which is contained within the peptides sequence shown as amino acids 34-48 of SEQ ID NO: 3.

19. **(New)** The antibody of claim 17, which binds to a peptide sequence which is contained within the peptides sequence shown as amino acids 88-102 of SEQ ID NO: 3.

20. **(New)** The antibody of claim 17, which binds to a peptide sequence which is contained within the peptides sequence shown as amino acids 118-132 of SEQ ID NO: 3.

21. **(New)** The antibody of claim 17, which binds to a peptide sequence which is contained within the peptides sequence shown as amino acids 136-150 of SEQ ID NO: 3.